



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

MAERTENS et al.

Atty. Ref.: 2551-68

Serial No. 09/995,791

Group: 1648

Filed: November 29, 2001

Examiner: MOSHER, Mary

For: PURIFIED HEPATITIS C VIRUS ENVELOPE PROTEINS FOR DIAGNOSTIC AND THERAPEUTIC USE

* * * * *

July 13, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REQUEST

It is respectfully requested that the Examiner return an initialed copy of Form PTO-1449, filed with the Information Disclosure Statement on April 16, 2002, to the undersigned. A copy of the same was not received with the Office Action dated June 30, 2004 or previously. The present paper is not filed in response to the Office Action of June 30, 2004. A copy of the previously-filed Form PTO-1449 with a copy of the USPTO PAIR page which confirms receipt of the Information Disclosure Statement filed April 16, 2002 are attached for the Examiner's convenience.

The Examiner is requested to confirm the acceptance of the drawings filed with the application on November 29, 2001, or otherwise provide specific objections of the same. The Office Action of June 30, 2004, is incomplete in this respect.

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The Examiner is also requested to acknowledge the applicants claim for domestic priority as the Office Action of June 30, 2004 does not include the same.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____


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Reg. No. 36,663

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111 15 221

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|------------------------------------|--|-------------------|------------|
| INFORMATION DISCLOSURE CITATION | | ATTY. DOCKET NO. | SERIAL NO. |
| | | 2551-69 | 09/995,860 |
| | | APPLICANT | |
| | | MAERTENS et al. | |
| | | FILING DATE | GROUP |
| | | November 29, 2001 | 1648 |
| COPY | | | |

(Use several sheets if necessary)

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

TRANSLATION

| | | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | YES | NO |
|--|--|---------------|--------|---------|-------|----------|-----|----|
| | | WO 93/15193 | 8/1993 | PCT | | | | |
| | | WO 93/02103 | 2/1993 | PCT | | | | |
| | | WO 93/04205 | 3/1993 | PCT | | | | |
| | | WO 92/08734 | 5/1992 | PCT | | | | |
| | | WO 98 21338 A | 5/1998 | WIPO | | | | |
| | | WO 96 04385 A | 2/1996 | WIPO | | | | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

| | |
|--|--|
| | Choo et al, "Vaccination of Chimpanzees Against ... Hepatitis C Virus", Proc. Natl. Acad. Sci., 1994, pp. 1294-1298. |
| | Lanford et al, "Analysis of Hepatitis C Virus ...", Virology 197, pp. 225-235, 1993. |
| | Nishihara et al, "Secretion and Purification of Hepatitis C ...", Gene 129; 207-214, 1993. |
| | Ralston et al, "Characterization of Hepatitis C Virus ...", J. Virol 67:6753-6761, 1993. |
| | BOSMAN F ET AL: 'Purification of the hepatitis C virus envelope proteins and analysis of their oligomeric state.' 48TH ANNUAL MEETING OF THE AMERICAN ASSOCIATION FOR THE STUDY OF LIVER DISEASES, CHICAGO, ILLINOIS, USA, NOVEMBER 7-11, 1997. HEPATOLOGY 26 (4 PART 2). 1997. 412A, XP002087226 see abstract 1136. |
| | Ristoni et al, Compositional bias and mimicry toward the nonself proteome in immunodominant T cell epitopes of self and nonself antigens. FASEB (2000) Vol. 14, No. 3, pp. 431-438. |
| | Paul, Fundamental Immunology, Raven Press, New York, NY 1993, 3 rd Edition, pg. 251, column 1, lines 11-12. |
| | Baumert et al, Hepatitis C virus structural proteins assemble into virus like particles in insect cells. Journal of Virology (May 1998) Vol. 72, No. 5. pp. 3827-3836. |

Examiner _____ Date Considered _____

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include
of this form with next communication to application.

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| Search results for application number:09/995,791 | | | |
|---|--|----------------------------|--|
| Application Number: | 09/995,791 | Customer Number: | 23117 |
| Filing or 371(c) Date: | 11-29-2001 | Status: | Non Final Action Mailed |
| Application Type: | Utility | Status Date: | 06-29-2004 |
| Examiner Name: | MOSHER, MARY | Location: | TC 1600 CENTRAL FILES OVERFLOW - FRANCONIA |
| Group Art Unit: | 1648 | Location Date: | 07-02-2004 |
| Confirmation Number: | 9146 | Earliest Publication No: | US 2003-0147918 A1 |
| Attorney Docket Number: | 2551-68 | Earliest Publication Date: | 08-07-2003 |
| Class/ Sub-Class: | 424/189.1 | Patent Number: | - |
| First Named Inventor: | Geert Maertens, Brugge, (BE) | Issue Date of Patent: | - |
| Title Of Invention: | Purified hepatitis C virus envelope proteins for diagnostic and therapeutic use | | |

Select Search Option

- Assignments
- Continuity Data
- Display References
- Publication Review
- Published Documents

| File History | |
|---------------------|-------------------------------------|
| Date | 06-30-2004 Mail Non-Final Rejection |

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|--------------|--|
| 06-28-2004 | Non-Final Rejection |
| 04-22-2004 | Case Docketed to Examiner in GAU |
| > 08-29-2003 | Information Disclosure Statement (IDS) Filed |
| 03-25-2004 | Date Forwarded to Examiner |
| 03-25-2004 | Response to Election / Restriction Filed |
| 01-11-2002 | Preliminary Amendment |
| 07-26-2002 | Miscellaneous Incoming Letter |
| 07-26-2002 | Preliminary Amendment |
| 10-29-2003 | Mail Notice of Rescinded Abandonment |
| 10-29-2003 | Notice of Rescinded Abandonment in TCs |
| 10-29-2003 | Petition to Revive Application - Granted |
| 08-29-2003 | Petition Entered |
| 07-31-2003 | Mail Abandonment for Failure to Respond to Office Action |
| 07-31-2003 | Abandonment for Failure to Respond to Office Action |
| 07-30-2003 | Mail Miscellaneous Communication to Applicant |
| 07-30-2003 | Miscellaneous Communication to Applicant - No Action Count |
| 04-07-2003 | Correspondence Address Change |
| 03-26-2003 | Rule 47 / 48 Correction of Inventorship Papers Filed |
| 03-26-2003 | Request for Extension of Time - Granted |
| 01-23-2003 | Mail Restriction Requirement |
| 01-22-2003 | Requirement for Restriction / Election |
| 09-20-2002 | Case Docketed to Examiner in GAU |
| > 04-16-2002 | Information Disclosure Statement (IDS) Filed |
| 08-23-2002 | Application Dispatched from OIPE |
| 08-22-2002 | Application Is Now Complete |
| 07-26-2002 | Payment of additional filing fee/Preeexam |
| 07-26-2002 | A set of symbols and procedures, provided to the PTO on a set of computer listings, that describe in |
| 07-26-2002 | CRF Disk Has Been Received by Preeexam / Group / PCT |
| 07-26-2002 | A statement by one or more inventors satisfying the requirement under 35 USC 115, Oath of the Applic |
| 08-13-2002 | CRF Is Good Technically / Entered into Database |
| 12-26-2001 | Notice Mailed--Application Incomplete--Filing Date Assigned |
| 12-17-2001 | IFW Scan & PACR Auto Security Review |
| 12-03-2001 | IFW Scan & PACR Auto Security Review |
| 11-29-2001 | Initial Exam Team nn |

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